EAST Search History

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	207	359/641,618,619,627,636,10,11,15,16,1.ccls. and @pd>"20080531"	US-PGPUB; USPAT	OR	ON	2008/11/17 20:43
<u></u> 2	22		US-PGPUB; USPAT	OR	ON	2008/11/17 20:44
.3	159		US-PGPUB; USPAT	OR	ON	2008/11/17 20:44
_4	112	(372/26,29.011,96,99,101,102,108).cds. and @pd>"20080531"	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
. 5	211	(385/31,33,37).ccls. and @pd>"20080531"	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
_6	68	, , , ,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.7 -7	912	1, ,	US-PGPUB; USPAT	OR	OFF	2008/11/17 20:45
_8	107251	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert \$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
<u>.</u> 9	36470	((activities or harmon) and remove	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
_10	3359594		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
_11	28837	L10 and L9	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
_12	9654	L8 and L11	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
_13	107251	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert \$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.14	118724	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45

L15	24226	i	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L16	165531	((US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L17	2410	,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L18	2304		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L19	107251	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert \$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L20	36470	(Community or Francisco) and construct	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L21	11603	1	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L22	176	i	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L23	118724	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L24	98		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L25	912	11	US-PGPUB; USPAT	OR	OFF	2008/11/17 20:45
L26	3198	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L27	3		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L28	9458	1	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L29	58		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L30	40		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45

L31	40	L29 not L30	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.32	4782	(359/10,11,15,16,19,20,27,34,558-563,568-573).cds.	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.33	116711	((beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)) or "quarter wave plate" or "wave plate"	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
_34	2410	L17 and L33	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L35	38	L34 and L32	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L36	5331	(372/26,29.011,96,99,101,102,108).cds.	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L37	14	L34 and L36	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L38	7476	(385/31,33,37).cds.	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L39	20	L34 and L38	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L40	2182	(359/641,619,627,636).ccls.	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L41	46	L34 and L40	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L42	22	L30 not L29	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L43	282	L31 or L42 or L27 or L30 or L24 or L41 or L39 or L37 or L35	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L44	826	L25 not L43	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L45	2346	(362/227-230,257,217).cds.	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L46	19975	((beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)) or "quarter wave plate" or "wave plate"	FPRS; EPO; JPO	OR	ON	2008/11/17 20:45

L47	11692	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve) near5 degrees	FPRS; EPO; JPO	OR	ON	2008/11/17 20:45
L48	77219	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
_49	36139	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert \$3 or chang\$3 or alter\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
.50	14514	(collimat\$3 or parallel) adj lens\$2	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
.51	497	L46 and L50	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
.52	422	L49 and L51	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
-53	422	L50 and L52	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
.54	287	L53 and laser	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
.55	660	359/641,618,619,627,636,10,11,15,16,1.ccls. and @pd> "20070313"	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.56	68		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.57	271		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.58	895	385/31,33,37.cds. and @pd> "20070313"	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.59	347	372/26,29.011,96,99,101,102,108.cds. and @pd> "20070313"	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
.60	160385	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unit\$3 or match \$3 or join\$3 or pair\$3 or mat\$3 or "couple up" or "bring together")	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
-61	2417	i '	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L62	746	!	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45

L63	349		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L64	2782	; 1 1	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 20:45
L65	36470	<i>i</i>	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L66	107251	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert \$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L67	11603	1	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L68	912		US-PGPUB; USPAT	OR	OFF	2008/11/17 20:45
L69	40		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L70	118724	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L71	9458	i	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L72	58		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L73	40		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L74	22	1	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L75	3198	, , , , , , , , , , , , , , , , , , , ,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L76	3	1	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L77	2304		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L78	176	i	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45

L79	98		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L80	107251	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert \$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L81	118724	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L82	165531		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L83	24226		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L84	2410	L83 and L82	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L85	116711	(1)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L86	2410	1	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L87	5331		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L88	14	L86 and L87	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L89	4782	(US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L90	38		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L91	7476	(385/31,33,37).cds.	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L92	20	i .	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L93	2182	((US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
<u>L</u> 94	46	L86 and L93	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45

L95	14514	(collimat\$3 or parallel) adj lens\$2	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L96	19975	((beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert\$3 or chang\$3 or alter\$3)) or "quarter wave plate" or "wave plate"	FPRS; EPO; JPO	OR	ON	2008/11/17 20:45
L97	497	L96 and L95	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L98	36139	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert \$3 or chang\$3 or alter\$3)	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L99	422	L98 and L97	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L100	422	L95 and L99	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L101	287	L100 and laser	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L102	152	L101 and reflect\$3	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L103	51	L102 and transmit\$4	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L104	54	L100 and condenser	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L105	46	L103 not L104	FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/17 20:45
L106	36470		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L107	107251	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (convert \$3 or chang\$3 or alter\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L108	11603		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L109	2304	,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L110	176		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45

L111	118724	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L112	98	L111 and L110	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L113	912	(359/629). COLS.	US-PGPUB; USPAT	OR	OFF	2008/11/17 20:45
L114	40	L113 and L108	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L115	9458	L106 and L111	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L116	58	L115 and L113	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L117	3198	"semiconductor laser array" or (semi-conductor adj laser)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L118	3	L117 and L113	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L119	40	L116 not L114	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L120	22	L114 not L116	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L121	282	L119 or L120 or L118 or L114 or L112 or L94 or L92 or L88 or L90	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L122	826	L113 not L121	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L123	374	L122 and ((first and second) near2 (light\$3 or beam or ray or lite))	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L124	79	L123 and ((ninety or "90") with degrees)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45

L125	24	("20040067016" "20040091013" "20040091209" "4978197" "5155623" "5258989" "5513201" "5650873" "5798877" "5946130" "6005717" "6064528" "6151342" "6175452" "6212216" "6229831" "6337873" "6356577" "6411323" "6556352" "6680800" "6683727" "6785440" "6851610").PN.	US PGPUB; USPAT; USOCR	OR	ON	2008/11/17 20:45
L126	48	L86 and L109	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L127	238	L63 and (reflect\$3 and transmit\$4)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L128	41	L127 and (stripes or stips)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L129	23395	collimat\$3 and transmitting and reflect\$3	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L130	311	L129 and L109	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L131	291	(combin\$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3) and L130	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L132	209	L131 and laser	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L133	180	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve) and L132	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L134	329	L64 and collimate	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/17 20:45
L135	3359594	(rotat\$3 or turn\$3 or revolv\$3 or drcumvolve)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L136	28837	L135 and L65	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L137	9654	L66 and L136	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L138	118724	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45

L139	36470	(A)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L140	2346	, , ,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L141	374	, , , , , ,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L142	11692	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve) near5 degrees	FPRS; EPO; JPO	OR	ON	2008/11/17 20:45
L143	17231	(rotat\$3 or turn\$3 or revolv\$3 or circumvolve) near5 degrees.clm.	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L144	24680	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3).clm.	US-PGPUB; USPAT; FPRS	OR	ON	2008/11/17 20:45
L145	40715	itt , , , , , , , , , , , , , , , , , ,	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L146	1614		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L147	116		US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L148	1	L146 and L147	US-PGPUB; USPAT	OR	ON	2008/11/17 20:45
L149	48	,,	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/17 20:45
L150	48	("4794615" "4813762" "4895790" "5081637" "5268978" "5369661").PN. OR ("5513201").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/17 20:45
L151	1	("5048030").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/17 20:46
L152	1		US-PGPUB; USPAT	OR	OFF	2008/11/17 20:46
L153	0	(((US-PGPUB; USPAT	OR	OFF	2008/11/17 20:46
L154	37822		US-PGPUB; USPAT	OR	ON	2008/11/17 20:46

L155	7993	(beam or ray or light\$3 or lite or illuminat\$3) adj2 (combin \$3 or unit\$3 or mix\$3 or compound\$3 or unif\$3) and L154	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L156	3198	"semiconductor laser array" or (semi-conductor adj laser)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L157	83	L155 and L156	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L158	192	stack\$3 near2 laser near2 array	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L159	23	L154 and L158	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L160	0	stipped near2 plate	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L161	905	stripped near2 plate	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L162	1	L156 and L161	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L163	221	L156 and L154	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L164	83	L163 and L155	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L165	56596	(light optical ray beam lite radiation) near5 (combiner mix \$3)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L166	3625	L154 and L165	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L167	0	L166 and L161	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L168	742	((light optical ray beam lite radiation) near3 (combiner)) and L154	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L169	79	L168 and (laser adj2 array)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L170	70	L169 not L157	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46

L171	912	(359/629).COLS.	US-PGPUB; USPAT	OR	OFF	2008/11/17 20:46
L172	2	L170 and L171	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L173	6	L170 and condenser	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L174	5807	(transmit\$4 and (reflect\$3 deflect\$3)) near3 (plate)	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L175	30	L156 and L174	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L176	24	("20040067016" "20040091013" "20040091209" "4978197" "5155623" "5258989" "5513201" "5650873" "5798877" "5946130" "6005717" "6064528" "6151342" "6175452" "6212216" "6229831" "6337873" "6356577" "6411323" "6556352" "6680800" "6683727" "6785440" "6851610").PN. OR ("7010194").URPN.	US PGPUB; USPAT; USOCR	OR	ON	2008/11/17
L177	816971	strip\$3 adjs reflect\$3 near2 plate	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L178	1494	stack\$3 adj3 laser	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L179	529	L177 and L178	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L180	38	L179 and combiner	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L181	12	L174 and L178	US-PGPUB; USPAT	OR	ON	2008/11/17 20:46
L182	2	("5825551" "6493148").PN. OR ("6943957").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 20:46
L183	2	("5825551" "6493148").PN. OR ("6943957").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/17 20:46
L184	2925	strip\$3 near3 (mirror combiner)	US-PGPUB; USPAT; USOOR	OR	ON	2008/11/17 20:46

L185	22	1	US-PGPUB; USPAT; USOCR	OR	,	2008/11/17 20:46
L186	17		US-PGPUB; USPAT; USOCR	OR	}	2008/11/17 20:46
L187	2841	į I.	US-PGPUB; USPAT; USOOR	OR	}	2008/11/17 20:46
L188	48	L187 and (laser adj2 array)	US-PGPUB; USPAT	OR	}	2008/11/17 20:46
L189	29	L188 not L185	US-PGPUB; USPAT	OR		2008/11/17 20:46

11/17/2008 8:52:28 PM

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